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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,515	11/30/2000	Yoichi Kanai	200133US2	8910

22850 7590 08/09/2004

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
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 ALEXANDRIA, VA 22314

EXAMINER

VU, THONG H

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 08/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<p align="center">Office Action Summary</p>	Application No. 09/725,515	Applicant(s) KANAI ET AL.	
	Examiner Thong H Vu	Art Unit 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-55 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-55 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) ⁶
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>6.18.04</u> | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
6) <input type="checkbox"/> Other: _____ |
|--|--|

1. Claims 1-54 are pending.

Specification

2. In specification, page 23 line 31 and page-24 line 5, applicant discloses a hyperlink or URL which fails to disclose the completeness of invention, MPEP 608.1 (p). Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-54 are rejected under 35 U.S.C. § 103 as being unpatentable over Meyerzon et al [Meyerzon, 6,638,314 B1] in view of Marullo et al [Marullo 6,044,398].
4. As per claim 27, Mayerzon discloses a system for certifying (i.e.: edit, modify, update) at least existence of electronic information released on a network at a time and date, said network connecting one or more computer servers and a plurality of client computers, said system comprising:

an accessing device (i.e.: client node) configured to access electronic information stored in a predetermined one of the plurality of client computers using information of its location from one of the computer servers based on a request from one of the client computers [Mayerzon, a web crawler program retrieves electronic documents and associated data, col 7 line 45-col 8 line 15, col 16 lines 49-65];

a copy device to copy the electronic information [Mayerzon, the client downloads information from server, col 1 lines 10-25];

an attribute information generating device configured to generate attribute information from at least the location and an access time and date when said step of accessing the electronic information is executed [Mayerzon, time stamp, col 3 lines 29-43; file date, col 16 lines 10-15];

a storing device (i.e.: disk, memory) configured to store the copy of the electronic information [Mayerzon, database, col 5 line 57-col 6 line 25; the remote storage device, col 7 lines 30-45].

However Mayerzon does not detail

an electronic certificate generating device configured to generate an electronic certificate by uniquely specifying the electronic information (i.e.: a certification flag) and the attribute information (i.e.: a parameter option); an electronic certificate obtaining device configured to obtaining the electronic certificate;

A skilled artisan would have motivation to implement the modified information process and found Marullo teaching. Marullo discloses a Virtual Dynamic Browsing system using a script to simulate a web browser to request, capture, store and verify data from web server [Marullo, abstract] including a user-specified GUI field for client certification [Marullo, a certification flag, col 27 lines 35-55; parameter replacement option, col 28 lines 30-55; col 29 line 47-col 30 line 30; 57-col 31 line 67; Fig 4]. It was clearly that the virtual browser provides a certified process by using a certification flag as unique information and parameter replacement option as attribute information.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the format of a security certificate is copied, verified and stored Web information as taught by Marullo into the Mayerzon's apparatus in order to utilize the permission attribute certificate. By doing so would provide a security and reliability process to verify and certify the information on Internet.

5. Claims 30 and 53 contain the similar limitations set forth of apparatus claim 21. Therefore, claims 30 and 53 are rejected for the similar rationale set forth in claim 21.

6. As per claim 28, Mayerzon-Marullo disclose said storing device is provided in the one of the computer servers, and said electronic information is stored in said storing device by tying up said electronic information with at least the electronic certificate and the attribute information [Marullo, a certification flag, col 27 lines 35-55; parameter replacement option, col 28 lines 30-55; col 29 line 47-col 30 line 30;57-col 31 line 67; Fig 4].

7. As per claim 29, Mayerzon-Marullo disclose said storing device is provided in the one of the client servers [Meyerzon, computer with disk drive, col 6 lines 25-60].

8. As per claim 31, Mayerzon-Marullo disclose a providing device configured to provide the electronic information together with the applicable electronic certificate and attribute information to the one of the client computers [Marullo, web server application

verification tool, col 7 lines 1-8; a certification flag, col 27 lines 35-55; parameter replacement option, col 28 lines 30-55; col 29 line 47-col 30 line 30; 57-col 31 line 67; Fig 4].

9. As per claim 32, Mayerzon-Marullo disclose said electronic information is accessed a second of another computer servers [Mayerzon, WAN, LAN, col 7 lines 14-44].

10. As per claim 33, Mayerzon-Marullo disclose said electronic information is accessed at an interval [Marullo, time interval, col 4 lines 7-26].

11. As per claim 34, Mayerzon-Marullo disclose a link displaying device configured to display one or more links respectively representing the location of the electronic information [Mayerzon, a list of URLs, col 9 lines 10-29]; and an accessing device configured to allow a public (i.e.: WAN) to access the electronic information using an applicable link, said access allowing device being provided in one of the plurality of client computers [Mayerzon, WAN, LAN, Intranet, Internet, col 7 lines 14-44].

12. As per claim 35, Mayerzon-Marullo disclose said one of the plurality of client computers is a public computer [Mayerzon, WAN, LAN, col 7 lines 14-44].

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13. As per claim 36, Mayerzon-Marullo disclose a detecting device configured to detect a change in contents of the electronic information; and a storing device configured to store, if the change is detected, the change in addition to the electronic information initially stored [Mayerzon, a change of document was detected, abstract].

14. As per claims 37,38 Mayerzon-Marullo disclose a database generating device configured to generate a database from one or more electronic information stored in the storing device [Mayerzon, database, col 5 line 57-col 6 line 25], said database being provided in one of the computers other than the one of the computer servers and a retrieving device configured to allow public retrieval of the electronic information, said retrieving device being provided in the one of the computers other than the one of the computer servers as a design choice [Marullo, testing of different servers, col 8 lines 41-55].

15. As per claim 39, Mayerzon-Marullo disclose a storing device configured to store information indicating availability of retrieval of the electronic information via the network when the electronic information can be retrieved, said storing device being provided in one of the plurality of client computers [Mayerzon, a web crawler program retrieves electronic documents and associated data, col 7 line 45-col 8 line 15].

16. As per claim 40, Mayerzon-Marullo disclose said network includes an Internet. [Mayerzon, WAN, LAN, Intranet, Internet, col 7 lines 14-44]

17. As per claim 41, Mayerzon-Marullo disclose said electronic information includes a document described by a markup language generating a web page [Mayerzon, HTML, col 9 lines 29-44].

18. As per claim 42, Mayerzon-Marullo disclose said location information includes a uniform resource locator (URL) [Mayerzon, URL, col 9 lines 10-28].

19. As per claim 43, Mayerzon-Marullo disclose said access condition (i.e.: pass state) includes at least any one of an access source IP address of the one of the client computers and a number of access times [Marullo, TCP/IP, col 29 lines 66, pass state, col 30 lines 30-57].

20. As per claim 44, Mayerzon-Marullo disclose said electronic information is stored in the one of the client computers that makes said request [Mayerzon, database, col 5 line 57-col 6 line 25].

21. As per claim 45, Mayerzon-Marullo disclose said electronic information is accessed at an optional time which an operator of the one of the client computer generating the request is not aware of [Marullo, repeat indefinitely option, wait option, col 23 line 15-col 24 line 10].

22. As per claim 46, Mayerzon-Marullo disclose said electronic certificate is generated by a third computer other than the one of the computer servers as a design choice.

23. As per claim 47, Mayerzon-Marullo disclose said attribute information further includes at least any one of an electronic information displaying period of time [Meyerzon , a period of time, col 1 lines 62-67], the access source IP address [Marullo, TCP/IP, col 29 lines 66], and a number of access times [Mayerzon, time stamp, col 3 lines 29-43; file date, col16 lines 10-15].

24. As per claim 48, Mayerzon-Marullo disclose said uniquely specification is executed by calculating a hash value of both of the electronic information and the attribute information in a prescribed manner as inherent information identifying the electronic information, and assigning the hash value to the applicable electronic certificate [Meyerzon, hash value, col 5 lines 47-57].

25. As per claim 49, Mayerzon-Marullo disclose said access condition is designated by the one of the client computers when the request is made [Marullo, TCP/IP, col 29 lines 66, pass state, col 30 lines 30-57].

26. As per claim 50, Mayerzon-Marullo disclose a detecting device configured to detect if an object is included in the copy of the electronic information when the copy of

the electronic information is provided to the one of the client computers; and a changing device configured to change contents of the copy of the electronic information by describing a reference into the copy for the object to be viewed in the one of the client computers [Meyerzon, hash values indicate the content of the document has changed, col 5 lines 47-57].

27. As per claim 51, Mayerzon-Marullo disclose said object is one of embedded inline in the electronic Information and referred to as an external resource [Meyerzon, embedded links, col 1 lines 25-40].

28. As per claim 52, Mayerzon-Marullo disclose said electronic information is accessed either via the Internet or with a computer readable medium [Meyerzon, Internet, col 7 lines 14-44].

29. As per claim 54, Mayerzon-Marullo disclose said uniquely specifying is executed by calculating a hash value of both of the electronic information and the attribute information in a manner as inherent information identifying the electronic information, and assigning the hash value to the applicable electronic certificate [Meyerzon, hash values indicate the content of the document has changed, col 5 lines 47-57].

30. Claims 1-3 contain the similar limitations set forth of apparatus claims 27-29. Therefore, claims 1-3 are rejected for the similar rationale set forth in claims 27-29.

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31. Claims 4-26 contain the similar limitations set forth of apparatus claims 30-52.

Therefore, claims 4-26 are rejected for the similar rationale set forth in claims 30-52.

32. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (703)-305-4643.

The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Jack Harvey*, can be reached at (703) 305-9705.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9700.

Any response to this action should be mailed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231 or faxed to :

After Final (703) 746-7238

Official: (703) 746-7239

Non-Official (703) 746-7240

Hand-delivered responses should be brought to Crystal Park 11,2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

Thong Vu
Patent Examiner
Art Unit 2142

A handwritten signature in black ink, appearing to read 'Thong Vu', with a stylized flourish at the end.